

YEAR-ROUND DECORATIVE LIGHTS WITH ADDRESSABLE COLOR- CONTROLLABLE LED NODES FOR SELECTABLE HOLIDAY COLOR SCHEMES

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ABSTRACT

A decorative lighting apparatus has user-selectable color schemes corresponding to several holidays for year-round use. In one illustrative example, the decorative lighting apparatus includes a decorative light strand having a plurality of addressable color-controllable red-green-blue (RGB) light-emitting diode (LED) nodes positioned therealong; a
10 decorating selector which provides a plurality of user-selectable switch settings; control circuitry; and memory. The memory stores data for a plurality of holiday color schemes, where each holiday color scheme is associated with one or more different holiday colors. The control circuitry is operative to illuminate the addressable color-controllable RGB LED nodes along the decorative light strand with a different holiday color scheme for each user-
15 selectable switch setting. For each different holiday color scheme, the control circuitry selects from the memory stored holiday color data associated with a user-selectable switch setting and sends the holiday color data over one or more data lines to addressable color-controllable RGB LED nodes associated with LED node address data. Preferably, the plurality of holiday color schemes include color schemes for most major U.S. holidays
20 including Christmas, Valentine's Day, St. Patrick's Day, Easter, Independence Day, and Halloween.